

AMENDMENTS TO THE SPECIFICATION

Please amend the following paragraphs of the specification. No new matter has been added, and the corrections are made only to add proper sequence identification numbers and to add and explain the reference characters shown in the drawings but not mentioned in the specification.

Please amend the paragraph at page 15, line 28 to page 16, line 3 as follows.

(Currently Amended) The result of homology comparison shows that the homologue of CT120 exists in different species. CT120 (SEQ ID NO: 14) has two isoforms in human, one is the protein CT120A in the present invention, and the other is T120B (AAH26023). Compared with CT12A, CT120B (SEQ ID NO: 15) lacks the fourth exon (96 bps, 32 amino acids). There is another CT120-like (SEQ ID NO: 16) gene in human (NP-113666.1). There are two cognates, XP-133706 (named as "mCT120-like 1" or SEQ ID NO: 17) and BAB23923 (named as "mCT120-like 2" or SEQ ID NO: 18) in murine. The homology comparison is also shown in Fig. 1, wherein CT120 and CT120B have 223/257 (86%) of identity, CT120 and CT120-like have 104/210 (49%) of identity, CT120 and mCT120-like 1 have 126/260 (48%) of identity, and CT120 and mCT120-like 2 have 98/228 (42%) of identity.

Please amend the paragraph at page 18, lines 5-13 as follows.

(Currently Amended) Example 5: Insertion of CT120 into eucaryotic expression vector:

pcDNA4/HisMax(Invitrogen) is selected to be the eucaryotic expression vector. ORF of CT120 is obtained through amplification by using 120HM-F: 5' ATGCTGCTGACGCTGGCCGG 3' (SEQ ID NO: 12); 120HM-R: 5' TTAGCCATCCTTTTGGCTT 3' (SEQ ID NO: 13) as primers and cDNA pool (Clontech) as a template. T-A clone (Clontech) is cloned into pcDNA4/HisMax eucaryotic expression vector to obtain plasmid pcDNA4/HisMax-CT120 which is verified by sequencing. Clones are picked for amplification, extraction and cleavage, and then are used to transform the cells.

Fig. 4 shows the result of NIH/3T3 cell transfected by CT120. In the left drawing of Figure 4, the two colony images named "forward" show the results of NIH/3T3 cell transfected by CT120 gene which is inserted into pcDNA4/HisMax vector in a forward direction, while the colony images named "reverse" show the results of NIH/3T3 cell transfected by CT120 gene which is inserted into pcDNA4/HisMax vector in a reverse direction.

The upper colony named "empty" shows the result of NIH/3T3 cell transfected by the pcDNA4/HisMax vector only (i.e., CT120 gene is not inserted into the vector). The lower colony named "empty" shows the result of NIH/3T3 cell growth without transfection by the vector.

The "empty" shown in the right drawing of Fig. 4 and the "empty" in Fig. 5 represent transfection by the vector (only).

Please amend the paragraph at page 18, lines 38-39 as follows.

(Currently Amended) The result is shown in Fig. 4. CT120 obviously promotes the growth of NIH/3T3 cells, where the y-axis refers to the number of colonies.